

**Q** Apraava Energy has evolved from a traditional power company into an integrated energy solutions provider with interests spanning renewable energy, transmission, and advanced metering infrastructure. How do you see this integrated model creating value in India's rapidly changing energy landscape?

India's energy transition is no longer just about adding renewable energy capacity; it is also about building an integrated energy ecosystem that can reliably generate, transmit, distribute, and intelligently manage clean power on the grid. As the need for energy resilience increases, the focus is shifting towards strengthening grid infrastructure, integrating storage, enabling smarter power markets, and leveraging digital technologies to improve system flexibility and reliability.

Apraava's evolution into an integrated energy solutions provider is aligned with this shift. By combining renewable energy generation, transmission infrastructure and advanced metering infrastructure, we are able to contribute across the energy value chain. This integrated model enables us to create long-term value for consumers, utilities and the broader energy ecosystem.

**Q** With over 1 GW of wind capacity, a growing solar portfolio, and several renewable projects under development, what are the key opportunities and challenges you foresee in accelerating India's clean energy transition?

India's clean energy transition continues to gather momentum, supported by sustained policy reforms, a rapidly expanding domestic manufacturing ecosystem, and increasing investments in energy storage and transmission infrastructure. India's record wind capacity addition in FY 2025-26 further reflects the strong momentum behind renewable energy deployment and the opportunities ahead.

At the same time, structural challenges such as delays in power purchase agreement (PPA) signings, land and grid-related approvals, and transmission infrastructure constraints continue to impact project execution. As renewable capacity grows, transmission infrastructure must expand in parallel to enable the timely evacuation of renewable power. Addressing these challenges through coordinated planning, continued policy

support and sustained investment in enabling infrastructure will be critical to accelerating India's clean energy transition.

**Q** Grid infrastructure is becoming increasingly important as renewable energy deployment scales up. How is Apraava positioning itself to support the efficient evacuation and transmission of renewable power across the country?

We are steadily expanding our transmission portfolio to support the efficient evacuation of renewable power and strengthen grid infrastructure across the country. Our portfolio currently comprises three operational transmission assets with ~516 km of transmission lines and 3.5 GW of substation capacity. In addition, we are developing three greenfield transmission projects comprising around 470 km of transmission lines and nearly 8 GW of substation capacity. Recently, we have won a ISTS connected transmission project in Andhra Pradesh with substation capacity of 5 GW and a transmission line of 120kms.

As India continues to scale up renewable energy deployment, transmission infrastructure will become increasingly critical to ensuring that clean power reaches demand centres efficiently. We will continue to strengthen our transmission portfolio through new substations and transmission assets, enabling reliable renewable power evacuation and supporting India's renewable energy ambitions.

**Q** Apraava has emerged as a significant player in the Advanced Metering Infrastructure (AMI) segment with millions of smart meters under execution. How do smart meters and digital technologies contribute to building a more efficient and consumer-centric power sector?

Apraava has established a strong foothold in the Advanced Metering Infrastructure (AMI) segment. Our portfolio boasts over 3.5 million installed smart meters, with orders for over 6 million smart meters currently underway across Assam, Gujarat, West Bengal, Himachal Pradesh, Rajasthan, Puducherry and Madhya Pradesh. As India modernises its power distribution network under the Revamped Distribution Sector Scheme (RDSS), AMI empowers utilities to enhance network visibility, boost operational efficiency and make quicker, data-driven decisions.

Building on insights from our AMI platform, we have developed DISCOM GPT, an AI-enabled solution that monitors the health of distribution transformers in real time. This helps utilities detect emerging risks and undertake predictive maintenance. We believe the convergence of smart metering, artificial intelligence and data analytics is a crucial step towards building a more responsive, efficient and consumer-centric power distribution system.

**Q Sustainability is deeply embedded in Apraava's vision and business strategy. How does the company balance growth, operational excellence, and environmental responsibility while pursuing long-term expansion?**

Sustainability is embedded in the way we approach long-term growth. Our strategy is centred on investing in low-carbon businesses across renewable energy, transmission and advanced metering infrastructure, enabling us to support India's clean energy ambitions while building a diversified business for the future.

Balancing growth with operational excellence and environmental responsibility requires a disciplined approach to execution. We focus on maintaining the highest standards of safety, responsible asset management and operational efficiency across our businesses, while making investment decisions that are aligned with our long-term sustainability objectives. As we continue to expand, our priority remains creating long-term value by delivering reliable and sustainable energy solutions in a responsible manner.

**Q As India's energy sector increasingly embraces digitalisation, AI, and data-driven decision-making, what role do you see emerging technologies playing in enhancing grid reliability, asset performance, and customer engagement?**

As renewable energy integration grows, India's power system is becoming more dynamic and complex. Emerging technologies like artificial

intelligence, advanced analytics and data-driven decision-making will increasingly shape forecasting, optimise grid operations and manage the variability inherent in renewable energy. These capabilities are crucial for improving grid reliability, enhancing asset performance and fostering a more responsive power system.

We are developing AI models to improve forecasting, optimise generation and strengthen predictive maintenance across our renewable portfolio. Looking ahead, AI and digital technologies will help improve operational efficiency, enable faster and better-informed decision-making, and support more responsive customer services as the power sector becomes increasingly digital and interconnected.

**Q Looking ahead to 2030, what is your vision for Apraava Energy's role in India's energy transition, and which areas of the energy value chain do you believe will offer the most significant growth opportunities?**

By 2030, India's energy landscape will require much more than additional renewable energy capacity. It will require investments across the entire value chain—from generation and transmission to distribution, storage and digital infrastructure—to build a reliable, flexible and low-carbon power system.

Our ambition is to play a meaningful role in this transformation by continuing to invest an equivalent of ~1 GW per year in India's energy sector over the next few years. Alongside expanding our renewable energy portfolio, we see significant opportunities in power transmission, advanced metering infrastructure, standalone Battery Energy Storage Systems (BESS), hybrid renewable projects and other customer-focused energy businesses. By strengthening these building blocks of the power sector, we aim to support India's long-term energy ambitions while delivering reliable and sustainable energy solutions.<sup>RM</sup>

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